

Cond
AI
13a is first applied continuously with a predetermined pattern, and a glass frit 13b is further applied thereon intermittently. As a result, a difference in the height of the glass frit 13 arises between the part where the glass frits 13a and 13b have been formed and the part where only the glass frit 13a has been applied. In other words, the glass frits 13a and 13b are applied onto the edge of the display screen of the rear substrate so as to produce a level difference. Thereafter, thermal treatment is carried out at about 500 °C both for baking of the phosphor and for pre-baking of the glass frit (Step S11). Further, a glass tube (chip tube) 14 for exhaust is temporarily fixed by a crystallized glass frit (fixing frit) 15 on the side of a surface different from the surface where the data electrodes and the like have been formed.

IN THE CLAIMS:

Please enter the following amended claims:

Ad
SUB
B1
Claim 1 (Amended) A method for manufacturing a plasma display panel, comprising:
laying a front substrate and a rear substrate on each other with a sealing frit therebetween;
heating said front substrate, said rear substrate and said sealing frit in a chamber and
exhausting impurity gas from both of said substrates by lowering internal pressure of said
chamber;
~~melting said sealing frit in said chamber by further heating said front substrate, said rear~~
substrate and said sealing frit after the pressure of said chamber reaches atmospheric pressure;
and

solidifying said sealing frit in said chamber and sealing up said front substrate and said rear substrate.

A3
B1

Claim 12. (Amended) The method for manufacturing a plasma display panel according to claim 1, wherein said melting said sealing frit and said solidifying said sealing frit each comprise a step of lowering internal pressure of said chamber.

Claim 13. (Amended) The method for manufacturing a plasma display panel according to claim 3, wherein said melting said sealing frit and said solidifying said sealing frit each comprises a step of lowering internal pressure of said chamber.

Claim 14. (Amended) The method for manufacturing a plasma display panel according to claim 4, wherein said melting said sealing frit and said solidifying said sealing frit each comprises a step of lowering internal pressure of said chamber.

Claim 15. (Amended) The method for manufacturing a plasma display panel according to claim 1, wherein said melting said sealing frit and said solidifying said sealing frit each comprises a step of introducing at least one kind of gas selected from the group consisting of an oxygen gas, an inert gas, and dry air into said chamber.

Claim 16. (Amended) The method for manufacturing a plasma display panel according

SUB
B1
CONT
to claim 3, wherein said melting said sealing frit and said solidifying said sealing frit each comprises a step of introducing at least one kind of gas selected from the group consisting of an oxygen gas, an inert gas, and dry air into said chamber.

Cond
A3
Claim 17. (Amended) The method for manufacturing a plasma display panel according to claim 4, wherein said melting said sealing frit and said solidifying said sealing frit each comprises a step of introducing at least one kind of gas selected from the group consisting of an oxygen gas, an inert gas, and dry air into said chamber.

Please enter the following new claims:

ADD
A4
B1
Claim 18. (Amended) The method for manufacturing a plasma display panel according to claim 1, wherein the pressure inside said chamber reaches atmospheric pressure when oxygen gas is introduced into said chamber.

Claim 19. (Amended) The method for manufacturing a plasma display panel according to claim 2, wherein the pressure inside said chamber reaches atmospheric pressure when oxygen gas is introduced into said chamber.

SUB
(B)
conf
concl

Claim 20. (Amended) The method for manufacturing a plasma display panel according to claim 3, wherein the pressure inside said chamber reaches atmospheric pressure when oxygen gas is introduced into said chamber.

Claim 21. (Amended) The method for manufacturing a plasma display panel according to claim 5, wherein the pressure inside said chamber reaches atmospheric pressure when oxygen gas is introduced into said chamber.

Add
Ba